



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Keren O. Perlmutter et al. Art Unit : Unknown
Serial No. : 10/657,138 Examiner : Unknown
Filed : September 9, 2003
Title : REDUCTION OF DIFFERENTIAL RESOLUTION OF SEPARATIONS

Commissioner for Patents
P.O. Box 1450
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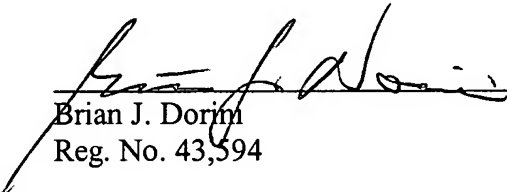
INFORMATION DISCLOSURE STATEMENT

Applicants submit the non-U.S. patent and non-U.S. patent publication references listed on the attached form PTO-1449.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

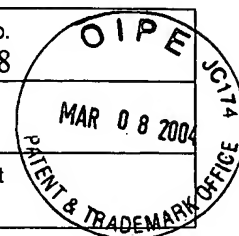
Date: MAR 08 2004



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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06975-501001	Application No. 10/657,138
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Keren O. Perlmutter et al.	
		Filing Date September 9, 2003	Group Art Unit



U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2002/0106133	08/08/2002	Edgar et al.			
	AB	2002/0146171	10/10/2002	Chandrasekhar			
	AC	4,171,871	10/23/1979	Dill et al.			
	AD	4,285,004	08/18/1981	Morrison et al.			
	AE	4,320,414	03/16/1982	Miyaji et al.			
	AF	4,541,688	09/17/1985	Watt et al.			
	AG	4,641,244	02/03/1987	Wilson et al.			
	AH	4,783,591	11/08/1988	Sullivan			
	AI	4,849,914	07/18/1989	Medioni et al.			
	AJ	5,022,089	06/04/1991	Wilson			
	AK	5,023,815	06/11/1991	Wilson et al.			
	AL	5,414,782	05/09/1995	Carasso			
	AM	5,548,326	08/20/1996	Michael			
	AN	5,627,918	05/06/1997	Carasso			
	AO	5,640,200	06/17/1997	Michael			
	AP	5,777,799	07/07/1998	Miyauchi			
	AQ	5,917,987	06/29/1999	Neyman			
	AR	6,017,688	01/25/2000	Edgar			
	AS	6,069,714	05/30/2000	Edgar			
	AT	6,144,498	11/07/2000	Bryars et al.			
	AU	6,169,562	01/02/2001	Morimoto			
	AV	6,266,452	07/24/2001	McGuire			
	AW	6,295,083	09/25/2001	Kuhn			
	AX	6,323,934	11/27/2001	Enomoto			
	AY	6,393,160	05/21/2002	Edgar			
	AZ	6,400,996	06/04/2002	Hoffberg et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	BA	6,407,724	06/18/2002	Waldern et al.			
	BB	6,449,414	09/10/2002	Tahara et al.			
	BC	6,470,147	10/22/2002	Imada			
	BD	6,475,711	11/05/2002	Cook et al.			
	BE	6,477,279	11/05/2002	Go			

Foreign Patent Documents or Published Foreign Patent Applications

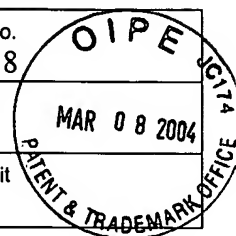
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	BF							
	BG							
	BH							
	BI							
	BJ							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	BK	Boult, T.E., and Wolberg, G., "Correcting Chromatic Aberrations Using Image Warping," <u>Proceedings of DARPA92</u> , pp. 363-377, 1992
	BL	Brown, Lisa G., "A Survey of Image Registration Techniques," <u>ACM Computing Surveys</u> , Vol. 24, No. 4, pp. 325-376, 1992
	BM	Li, H., et al., "A Contour-Based Approach to Multisensor Image Registration," <u>IEEE Transactions on Image Processing</u> , Vol. 4, No. 3, March 1995, pp. 320-334
	BN	Canny, John, "A Computational Approach to Edge Detection," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , Vol. PAMI-8, No. 6, November 1986, pp. 679-698
	BO	Srinivasan, S., et al., "mist: Multispectral Image Similarity Transformation," <u>LNK Home Page</u> , pp. 1-20, printed 12/12/2001
	BP	Spencer, G., et al., "Physically-Based Glare Effects for Digital Images," <u>SIGGRAPH 95 Conference Proceedings</u> , Annual Conference Series, ACM SIGGRAPH, August 1995, pp. 325-334
	BQ	Polikar, Robi, "Fundamental Concepts & an Overview of the Wavelet Theory," <u>The Wavelet Tutorial Part I</u> , Rowan University, College of Engineering Web Servers, June 5, 1996, 15 pages, reprinted from http://engineering.rowan.edu/~polikar/WAVELETS/Wtpart1.html on 11/21/2002
	BR	Polikar, Robi, "Fundamentals: The Fourier Transform and the Short Term Fourier Transform," <u>The Wavelet Tutorial Part 2</u> , Rowan University, College of Engineering Web Servers, 17 pages, reprinted from http://engineering.rowan.edu/~polikar/WAVELETS/Wtpart2.html on 11/21/2002
	BS	Polikar, Robi, "Multiresolution Analysis & the Continuous Wavelet Transform," <u>The Wavelet Tutorial Part III</u> , Rowan University, College of Engineering Web Servers, 28 pages, reprinted from http://engineering.rowan.edu/~polikar/WAVELETS/Wtpart1.html on 11/21/2002

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CA	Polikar, Robi, "Multiresolution Analysis: The Discrete Wavelet Transform," <u>The Wavelet Tutorial Part IV</u> , Rowan University, College of Engineering Web Servers, 10 pages, reprinted from http://engineering.rowan.edu/~polikar/WAVELETS/Wtpart1.html on 11/21/2002 ✓
CB	"The Wide Screen Time Machine: Mechanix Illustrated March 1939, How the Technicolor Camera Works," reprinted from http://www.widescreenmuseum.com/widescreen/mi-techcamera.htm , on 12/18/2002, 3 pages ✓
CC	"Technicolor," reprinted from http://www.everything2.com/index.pl?node=Technicolor , on 12/18/2002, 3 pages ✓
CD	Ball, J.A., "The Technicolor Process of Three-Color Cinematography," <u>Journal of Motion Picture Engineers</u> , Vol. XXV, No. 2, Aug. 1935, pp. 127-138 ✓
CE	"Increased Demand for Digital Images," Digital ICE Applied Science Fiction, reprinted from http://www.asf.com/products/ice/FilmICEOverview.shtml on 4/15/2003, 2 pages ✓
CF	"Digital ICE - Film Scanner Technology," Digital ICE Applied Science Fiction, reprinted from http://www.asf.com/products/ice/FilmICEExample.shtml on 4/15/2003, 2 pages ✓
CG	"Announcing the End of Dirty Images," Digital ICE Applied Science Fiction, reprinted from http://www.asf.com/products/ice/FilmCESpecs.shtml on 4/15/2003, 3 pages ✓
CH	"Digital ICE for Film Scanners: Frequently Asked Questions," Digital ICE Applied Science Fiction, reprinted from http://www.asf.com/support/scanners/FilmICEFAQs.shtml on 4/15/2003, 2 pages ✓
CI	"Automatically Eliminates Surface Defects," Digital ICE Applied Science Fiction, reprinted from http://www.asf.com/gallery/ice/film/ on 4/15/2003, 1 page ✓
CJ	"Chromatic Aberration" reprinted from http://www.yorku.ca/eye/chraber.htm on 11/21/2002, 1 page ✓
CK	Askey, P., "Chromatic Aberrations," <u>DPreview.Com</u> , ©1998-2001, reprinted from http://www.dpreview.com/learn/Glossary/Optical/Chromatic_Aberrations_01.htm on 11/21/2002, 3 pages ✓
CL	"Chromatic Abberation," reprinted from http://hyperphysics.phy-astr.gsu.edu/hbase/geoopt/aber2.html on 11/21/2002, 3 pages ✓
CM	"Aberrations," reprinted from http://hyperphysics.phy-astr.gsu.edu/hbase/geoopt/aberrcon.html on 11/21/2002, 2 pages ✓

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